

Box Elder-Weber County Breakout Discussion Notes

November 30, 2011

POINT

Concern over using total allowable amounts in inventory instead of something more realistic

Use a factor that is more realistic than PTE based on economic growth projections, etc.

Concern over emission factors used, these need to be reviewed

Look at alternative fuels (lower sulfur) and burner thinning to help reduce emissions

It would be helpful to see 2008 PTE numbers in addition to 2008 actuals

Incentives for self reduction

Share success stories between point sources

Strategies for waste treatment

DAQ partner with other energy efficiency organizations

Approach EPA about allowable projection methods to limit gap

Are PTEs going to be reduced

Seasonal fuel switching

AREA

AG discussion – How to educate the farmer about the benefits

Biofiltration – economics? – Temporary

Why so much effect?

Few CAFOs in Box Elder

800 New poultry jobs coming

Surface coatings – unregulated

Existing rule expansion (SL/Davis) everywhere

Does Box Elder have enough monitors?

Does Box Elder get red day media alerts?

OTC Rule

Education

Hard to implement but big ticket

Restaurants – economic effects?

Restaurant exhaust control

Cost neutral or +

LEED / Low VOC

Box Elder non-attainment area is only a part of the county. Do the restrictions apply everywhere?

SIP can define this and confine it to the non-attainment area

Paints/compounds sold in area would have to comply with stricter standards

Solvent/pesticide controls

Lower solvent-content pesticides

Can also use BMPs for reducing droplet size

Why do the voluntary things get so little recognition/reward? – EPA limit on voluntary values

Expansion of tax incentives – Revenue Neutral

New creativity needed?

Electricity?

Heaters?

Voluntary controls- Good but low credit

Innovative strategies

Public involvement. – Hard to get the public in tune with the air quality challenge
Clever messaging

EPA certification of building codes/ construction standards

Retrofit cost incentives directed at retailer. Clear, proven implementation plans required.

Education/messaging

Fund sources for reductions

Where did the Box Elder pm 2.5 data come from?

NRCS Air Quality Enhancement Program (USDA)

Tractors-fleet upgrades thru NRCS

Diesel retrofit / Smart Way

Incentives for delivery trucks – preference

What air benefits/impacts on vehicle would RVP have?

- Mandatory industry sector idle ban/policies to reduce idling

- Issues w/certainty on EPAs part

- Examples from UPS/SLC

Can existing VM program standards be tightened?

Mandate a percentage of biodiesel in UTA buses, govt fleets

- Issues with revenue and ridership levels when considering free rides on red air days

- Employer based trip reduction

How to maximize transit on bad air days?

- Stories of success CVTD

SLC/SLCO – Light timing to reduce idling

- WFRC is looking at this strategy

- Done by area prioritization

Problems with idle reduction bans – impacts on diesel trucks

- USAF monitors idle thru GPS and sends letters to violators

Box Elder County has a lot of older cars, need an emission standard

- Helps keep the vehicle at optimal emissions over lifespan

Incentives for clean vehicles, higher registration fees for higher emitting vehicles (trucks)

- Goal is clean air, all roads to get there considered

- Federal standards tightening for trucks

- Concerns about adopting CARB standard when it doesn't have much net benefit vs. cost

Seasonal vehicle registration

- Big trucks register in spring/summer, but don't drive them in winter (similar to classic cars)

- Politically untenable, more potential if voluntary

How effective are the red/yellow/green messages in reducing VMTs on those days?

- Messages are a day late

- Need more options for telework, etc

Employer based trip reductions